

ABSTRACT

A stabilizer is actively controlled even for an input from a road surface, ride comfort is ensured against a variation resulted from irregularity of road surface, while a vehicle is traveling straight, and a roll angle of a vehicle body is restrained surely, when the vehicle is turning. In a stabilizer control apparatus for controlling a torsional rigidity of a stabilizer disposed between a right wheel and a left wheel of the vehicle, to control a rolling motion of a vehicle body actively in response to a turning state of the vehicle, a relative displacement between the vehicle body and the right and left wheels is detected (M13), and according to at least one of a stabilizer free control (M15) and a roll damping control (M16), on the basis of at least one of a difference between right and left wheel strokes and a difference between right and left wheel stroke velocities, an externally applied force for controlling the torsional rigidity of the stabilizer is set (M17).